

Attorney Docket No.: SJ-0011
Inventors: Danks et al.
Serial No.: 09/622,568
Filing Date: August 31, 2000
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In the Claims:

Please cancel claims 1-22 ✓

Please add new claims 23-31 as follows:

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-- 23. A method for promoting the cleavage of an ester or carbamate linkage of a prodrug to form an active drug in a cell or organism comprising administering to a cell or organism a prodrug comprising an ester or carbamate linkage, and a carboxylesterase capable of cleaving the ester or carbamate linkage of the prodrug, and forming an active drug in the cell or organism.

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24. A method for promoting the cleavage of an ester or carbamate linkage of a prodrug to form an active drug in a cell or organism comprising administering to a cell or organism a prodrug comprising an ester or carbamate linkage, and a recombinant DNA molecule comprising an isolated polynucleotide encoding a carboxylesterase capable of cleaving the ester or carbamate linkage of the prodrug in the cell or organism, and forming an active drug in the cell or organism.

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sub 22
25. The method of claim 23 or 24 wherein said prodrug comprises CPT-11 and APC.

26. The method of claim 24 wherein said carboxylesterase comprises SEQ. ID. No. 26.

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27. The method of claim 23 or 24 wherein said organism is a human.

28. The method of claim 23 wherein said prodrug is administered prior to administration of said carboxylesterase.

29. The method of claim 23 wherein said carboxylesterase is administered prior to administration of said prodrug.

30. The method of claim 24 wherein said prodrug is administered prior to administration of said recombinant DNA molecule.

31. The method of claim 24 wherein said recombinant DNA molecule is administered prior to administration of said prodrug.--